

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021497.D
 Acq On : 25 Mar 2021 19:26
 Operator : JC/MD
 Sample : M1787-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:18:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

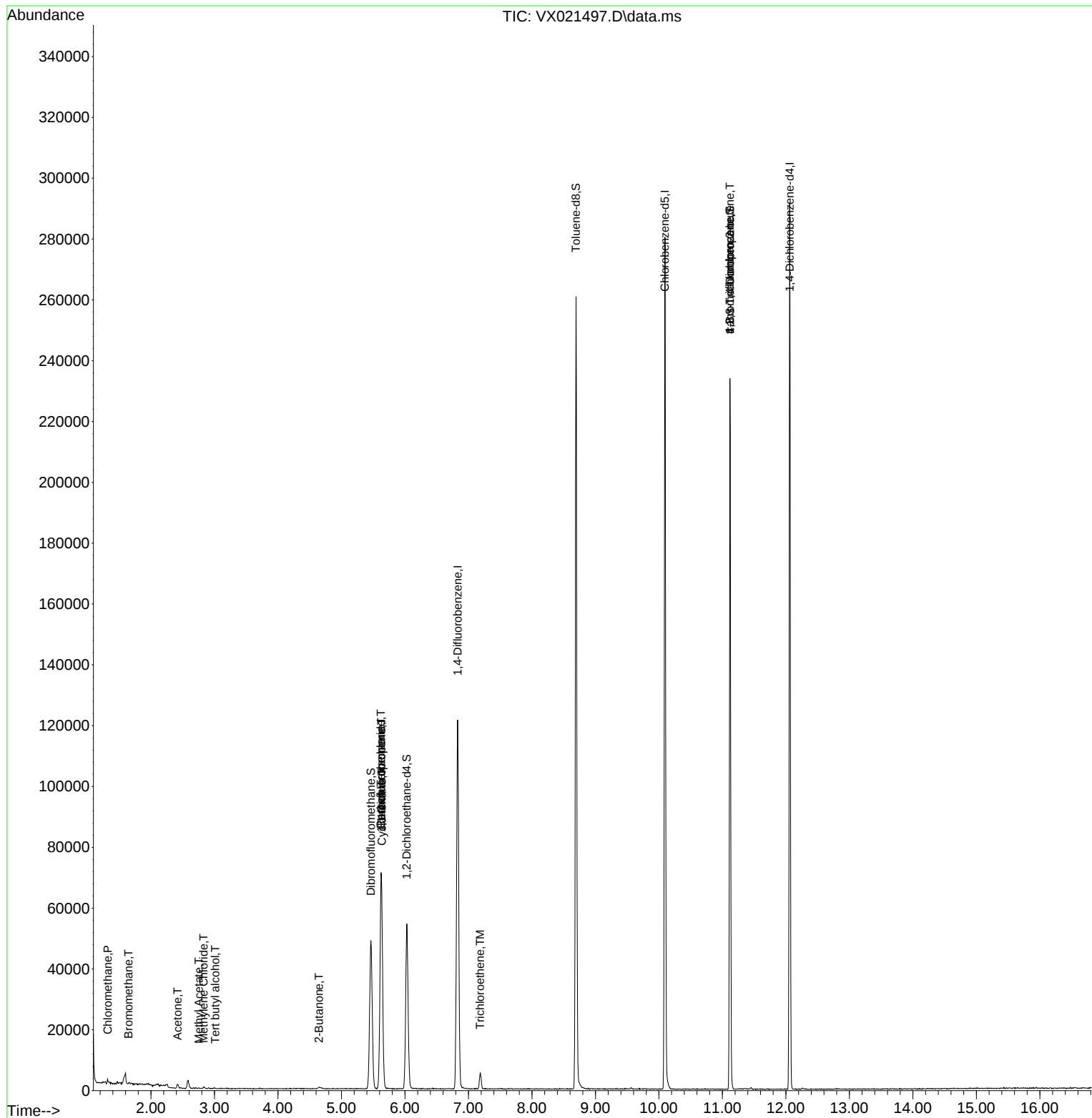
Internal Standards						
1) Pentafluorobenzene	5.623	168	60619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52596	52.15	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.30%	
35) Dibromofluoromethane	5.464	113	40109	51.11	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.22%	
50) Toluene-d8	8.694	98	143758	51.41	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.82%	
62) 4-Bromofluorobenzene	11.118	95	59109	54.37	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.74%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1748	2.32	ug/l	90
5) Bromomethane	1.646	94	93	0.34	ug/l #	2
11) Tert butyl alcohol	3.011	59	56	0.34	ug/l #	73
16) Acetone	2.417	43	1516	3.98	ug/l #	86
18) Methyl Acetate	2.752	43	320	0.29	ug/l #	47
20) Methylene Chloride	2.828	84	201	0.27	ug/l #	67
25) 2-Butanone	4.646	43	534	0.92	ug/l #	45
31) Cyclohexane	5.635	56	1709	1.54	ug/l #	35
36) 1,1-Dichloropropene	5.629	75	5504	5.08	ug/l #	45
38) Carbon Tetrachloride	5.623	117	6700	5.76	ug/l #	18
44) Trichloroethene	7.182	130	1786	2.20	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	34033	27.15	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34033	82.69	ug/l #	12

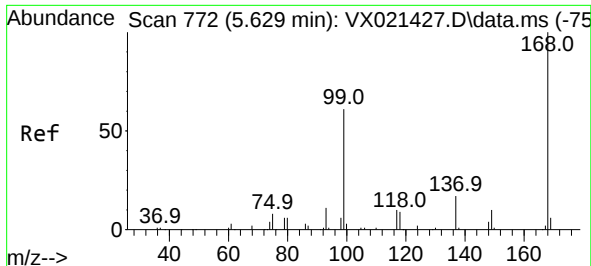
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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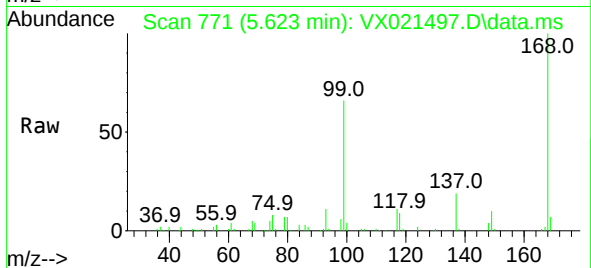
Quant Time: Mar 26 03:18:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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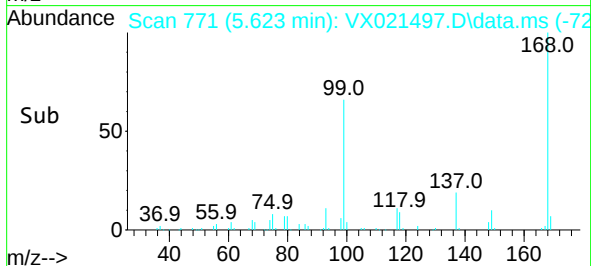
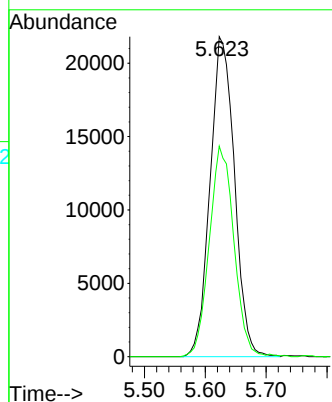


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

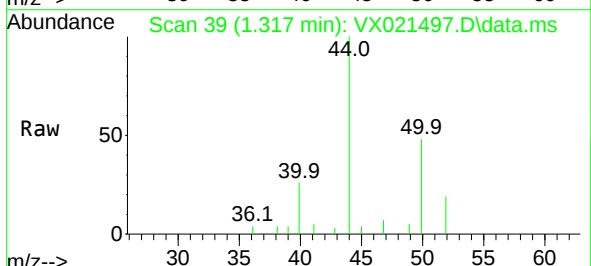
Instrument :
MSVOA_X
ClientSampleId :



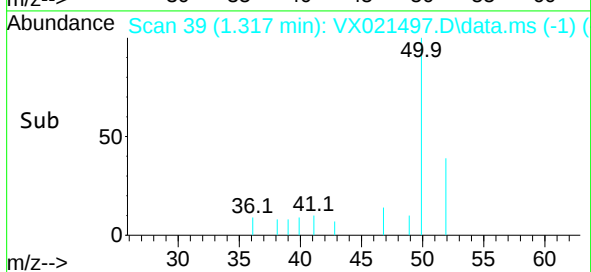
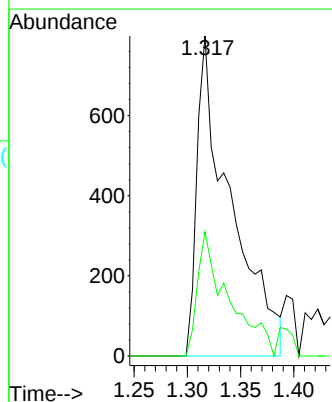
Tgt Ion:168 Resp: 60619
Ion Ratio Lower Upper
168 100
99 65.8 45.8 68.6

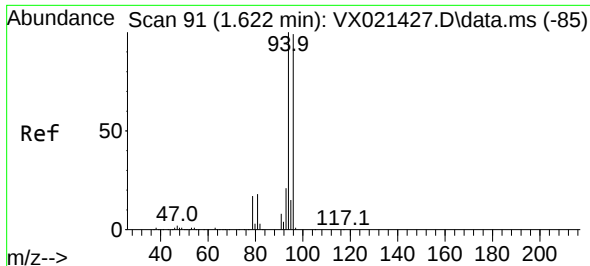


#3
Chloromethane
Concen: 2.32 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26



Tgt Ion: 50 Resp: 1748
Ion Ratio Lower Upper
50 100
52 38.8 26.4 39.6

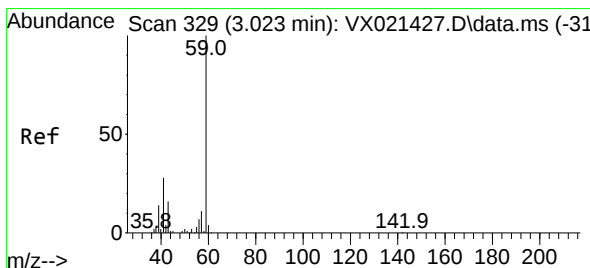
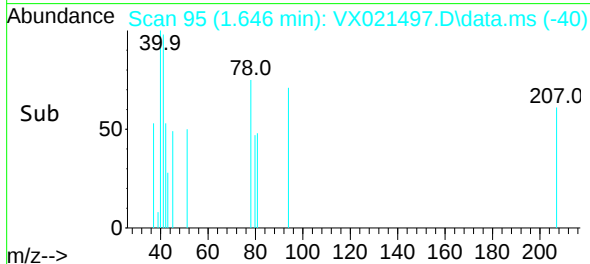
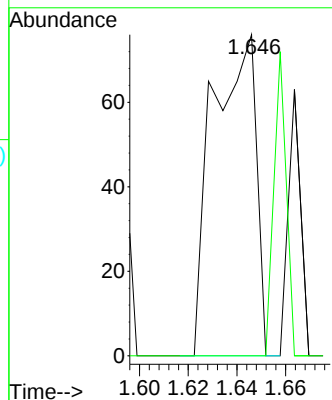
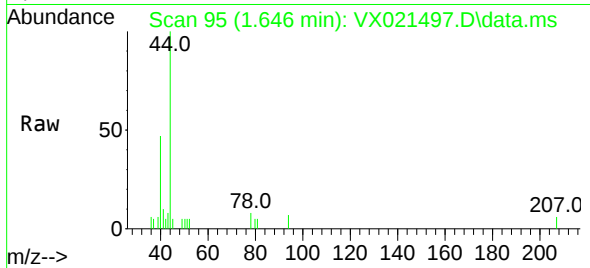




#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.646 min Scan# 95
Delta R.T. 0.024 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

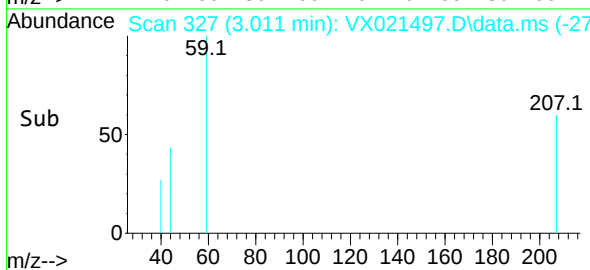
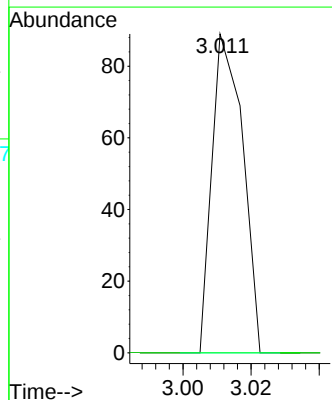
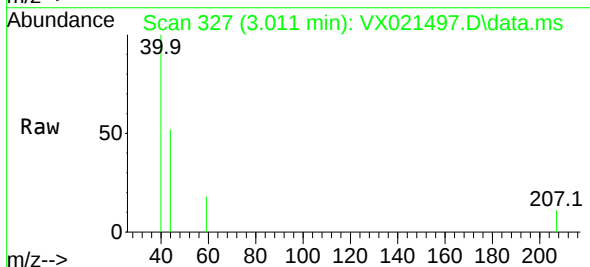
Instrument :
MSVOA_X
ClientSampled :

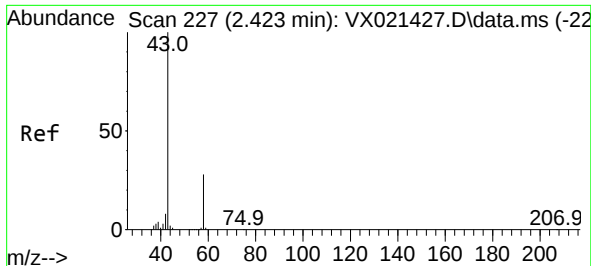
Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

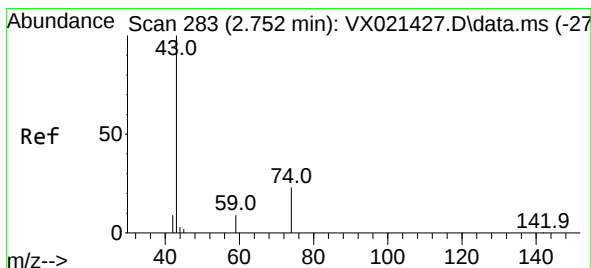
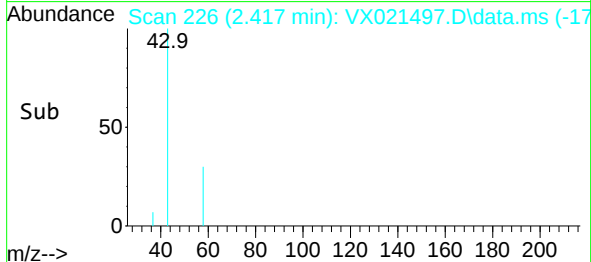
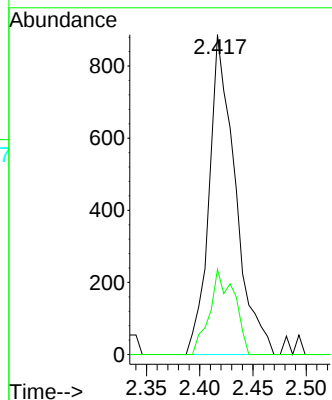
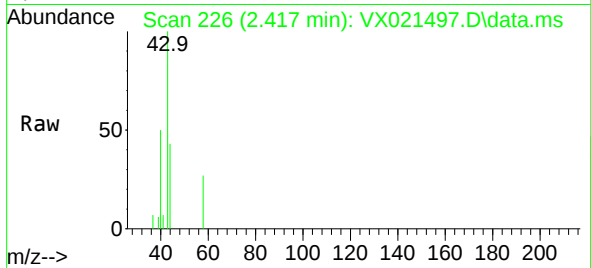




#16
Acetone
Concen: 3.98 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

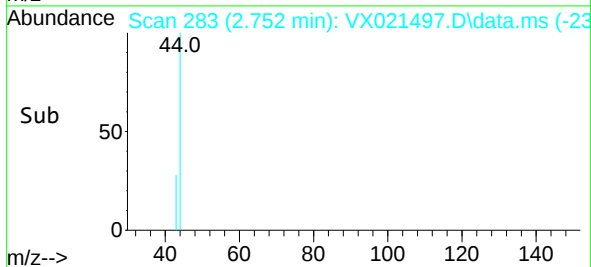
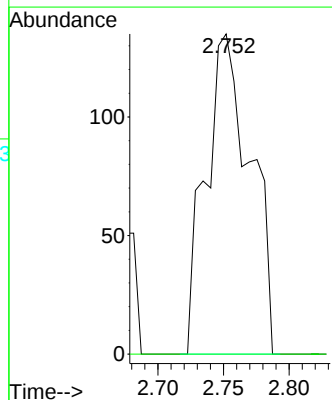
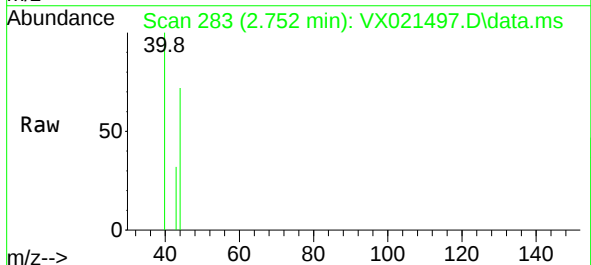
Instrument :
MSVOA_X
ClientSampled :

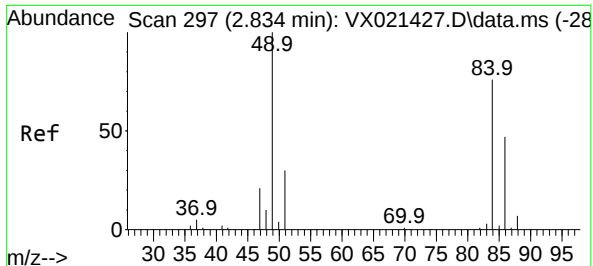
Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.828 min Scan# 296

Delta R.T. -0.006 min

Lab File: VX021497.D

Acq: 25 Mar 2021 19:26

Tgt Ion: 84 Resp: 201

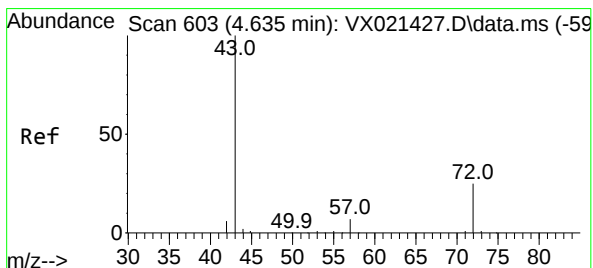
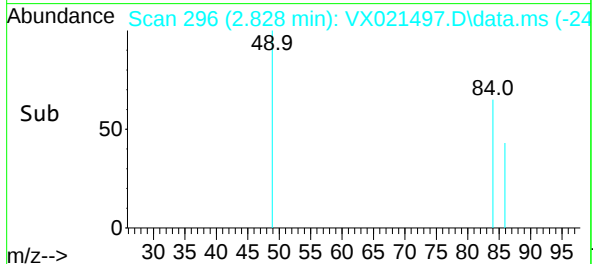
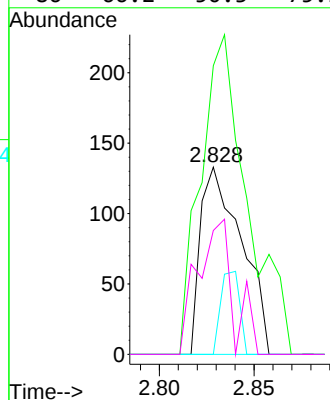
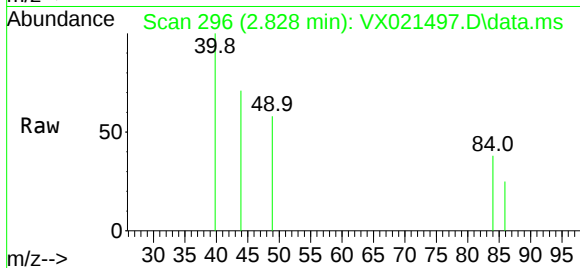
Ion Ratio Lower Upper

84 100

49 154.1 88.6 132.8#

51 0.0 27.0 40.6#

86 66.2 50.3 75.5



#25

2-Butanone

Concen: 0.92 ug/l

RT: 4.646 min Scan# 605

Delta R.T. 0.011 min

Lab File: VX021497.D

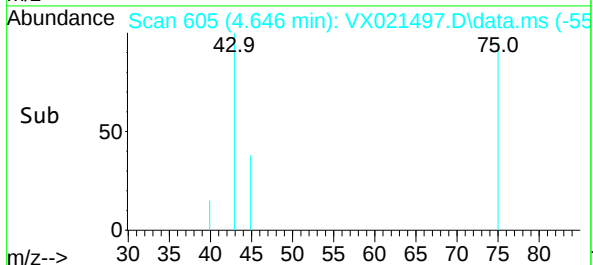
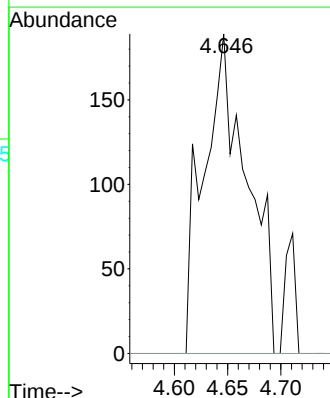
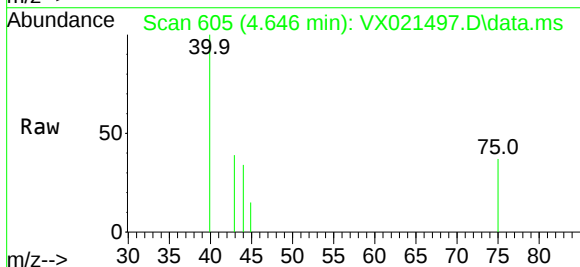
Acq: 25 Mar 2021 19:26

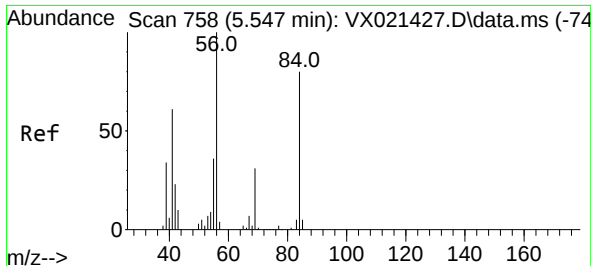
Tgt Ion: 43 Resp: 534

Ion Ratio Lower Upper

43 100

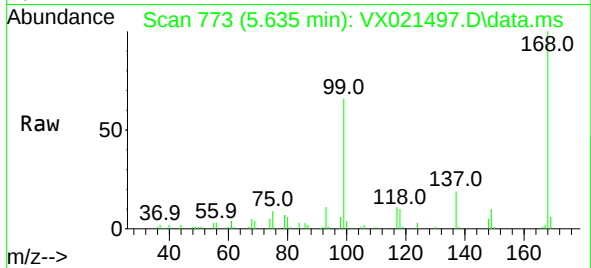
72 0.0 23.7 35.5#



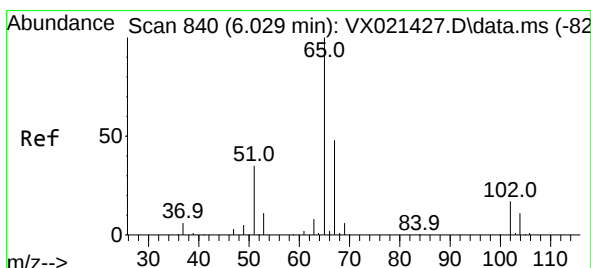
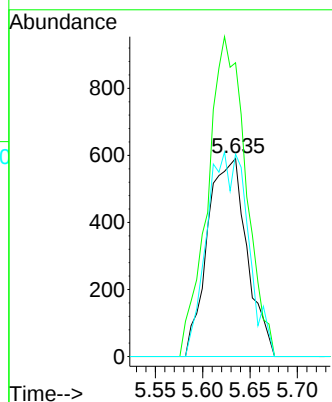
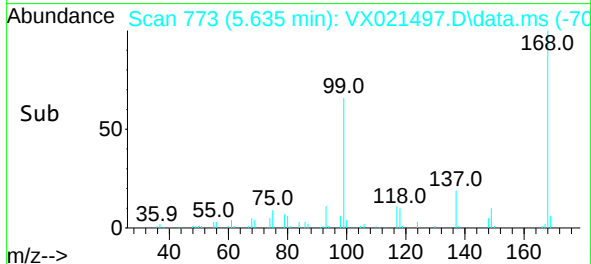


#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

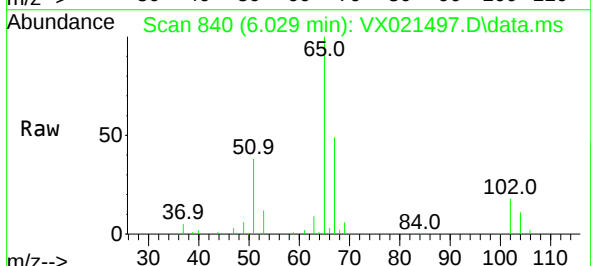
Instrument :
MSVOA_X
ClientSampled :



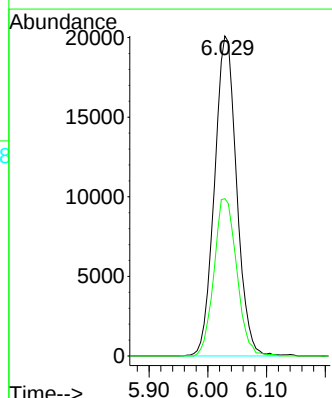
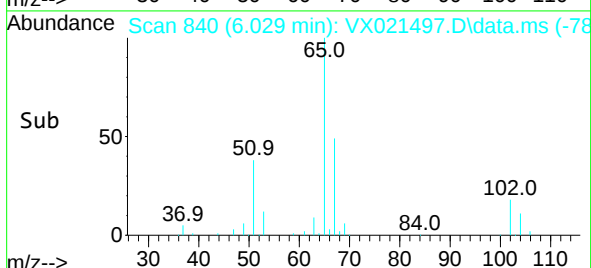
Tgt Ion: 56 Resp: 1709
Ion Ratio Lower Upper
56 100
69 148.2 25.3 37.9#
84 102.2 71.4 107.0

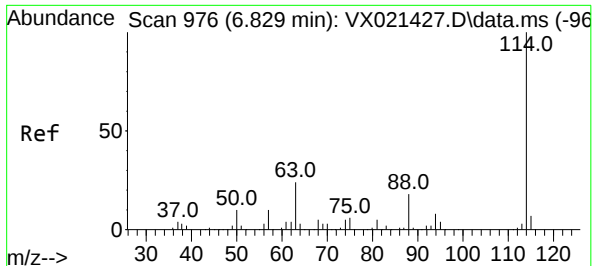


#33
1,2-Dichloroethane-d4
Concen: 52.15 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26



Tgt Ion: 65 Resp: 52596
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

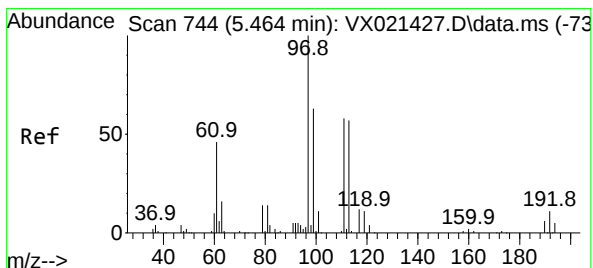
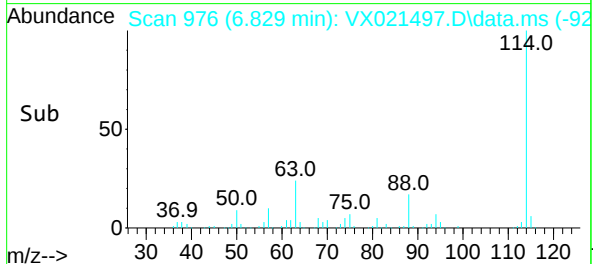
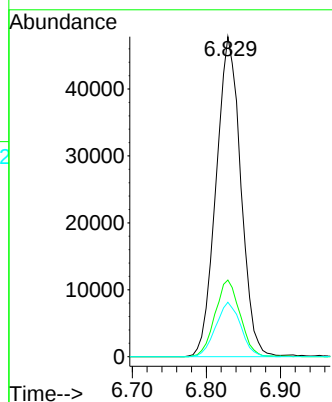
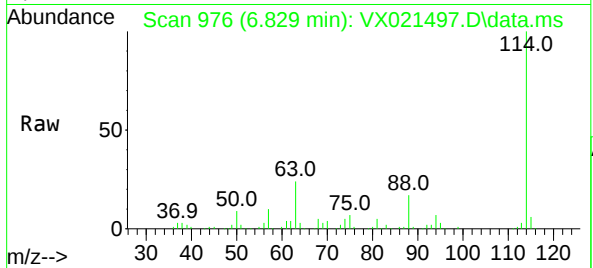




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

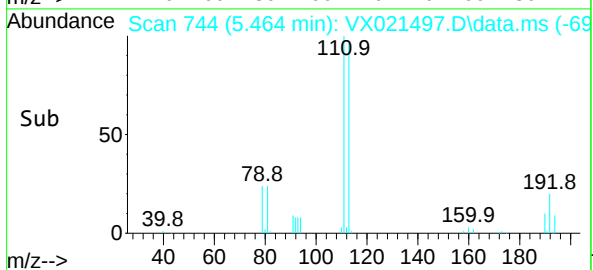
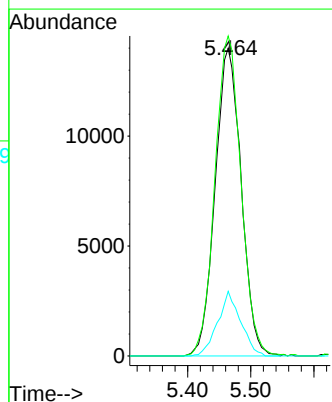
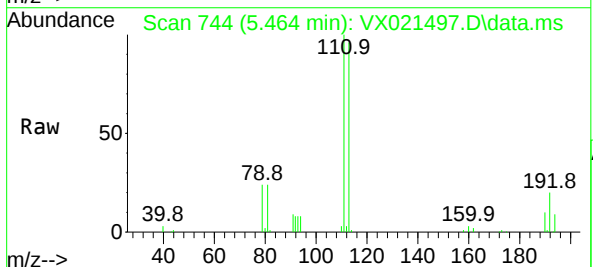
Instrument :
MSVOA_X
ClientSampled :

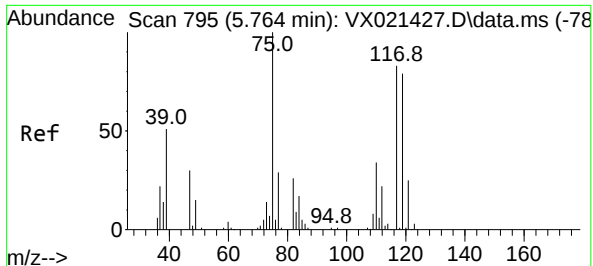
Tgt Ion:114 Resp: 110475
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.11 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

Tgt Ion:113 Resp: 40109
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 18.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.08 ug/l

RT: 5.629 min Scan# 772

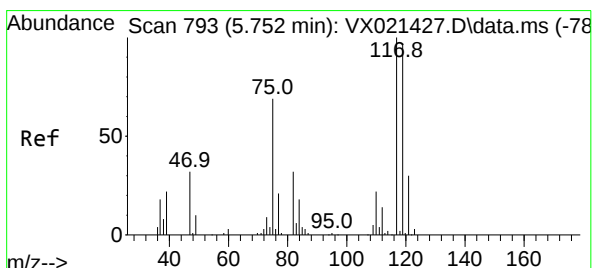
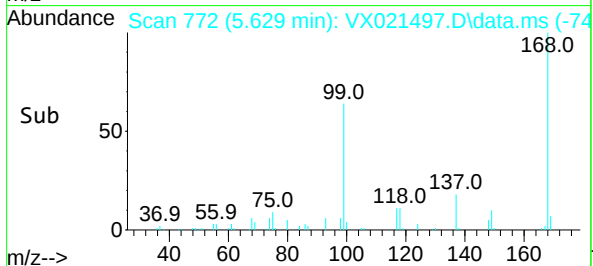
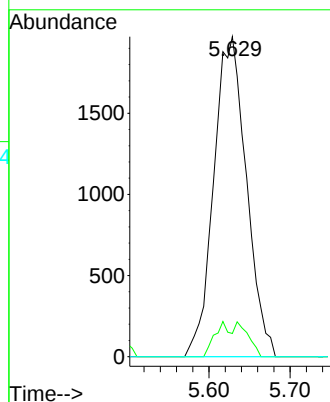
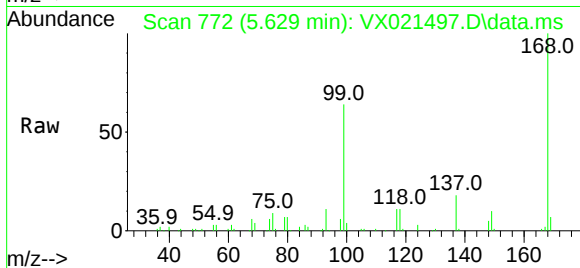
Delta R.T. -0.135 min

Lab File: VX021497.D

Acq: 25 Mar 2021 19:26

Tgt Ion:	75	Resp:	5504
Ion	Ratio	Lower	Upper
75	100		
110	4.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.76 ug/l

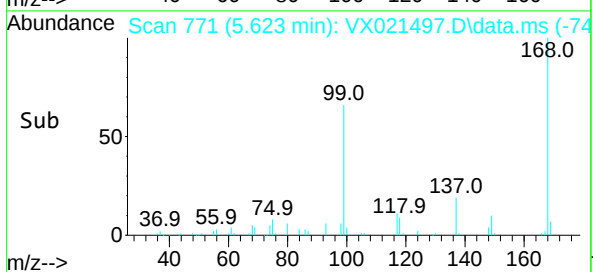
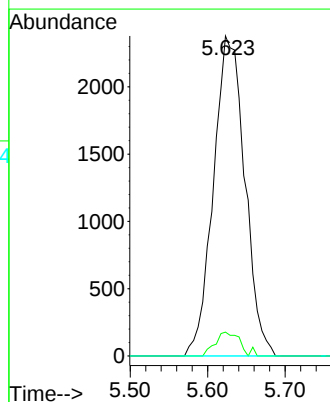
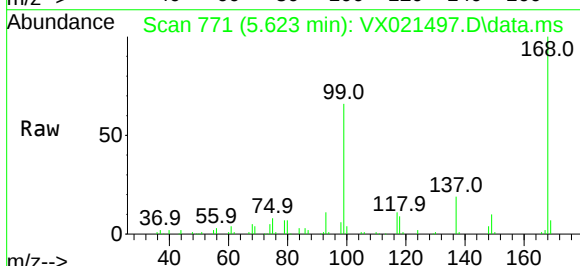
RT: 5.623 min Scan# 771

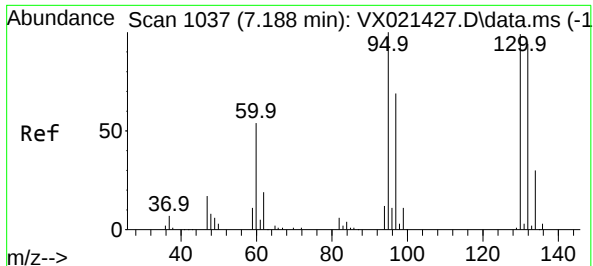
Delta R.T. -0.129 min

Lab File: VX021497.D

Acq: 25 Mar 2021 19:26

Tgt Ion:	117	Resp:	6700
Ion	Ratio	Lower	Upper
117	100		
119	7.5	76.2	114.2#
121	0.0	24.8	37.2#





#44

Trichloroethene

Concen: 2.20 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VX021497.D

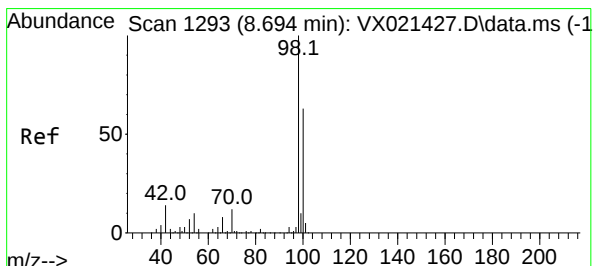
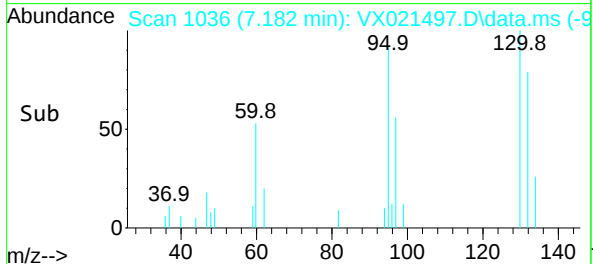
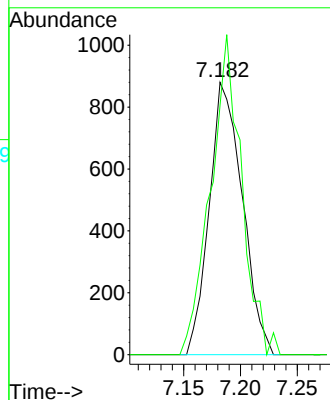
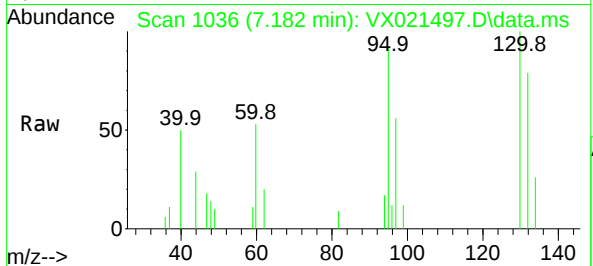
Acq: 25 Mar 2021 19:26

Tgt Ion:130 Resp: 1786

Ion Ratio Lower Upper

130 100

95 91.6 0.0 198.0



#50

Toluene-d8

Concen: 51.41 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021497.D

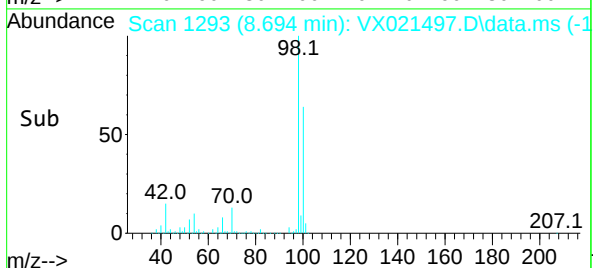
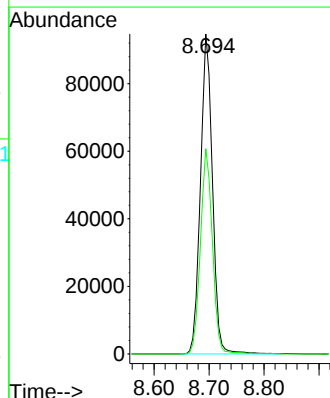
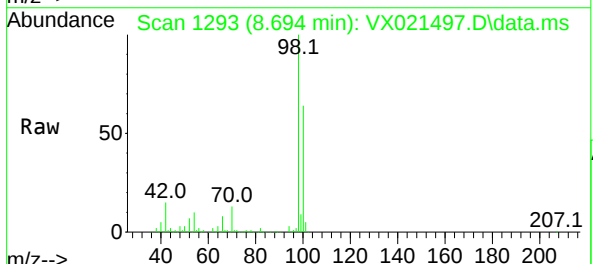
Acq: 25 Mar 2021 19:26

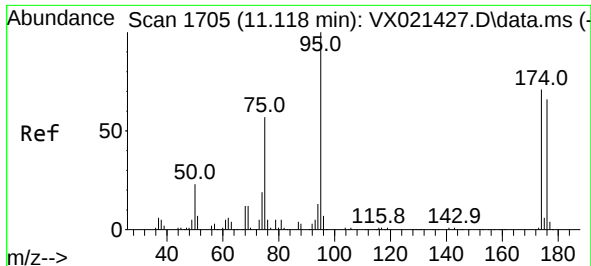
Tgt Ion: 98 Resp: 143758

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

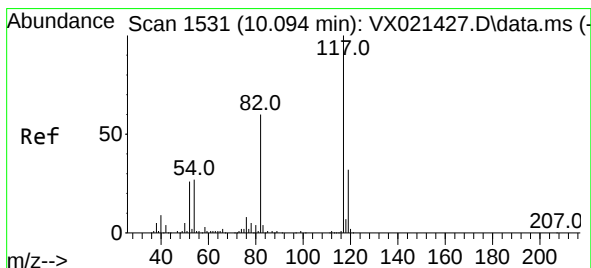
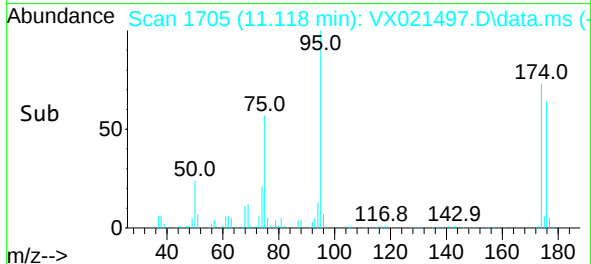
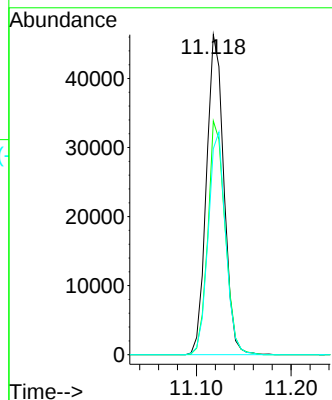
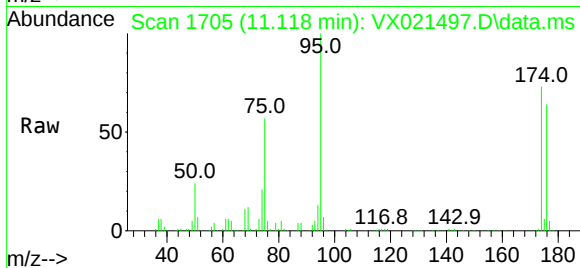




#62
4-Bromofluorobenzene
Concen: 54.37 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

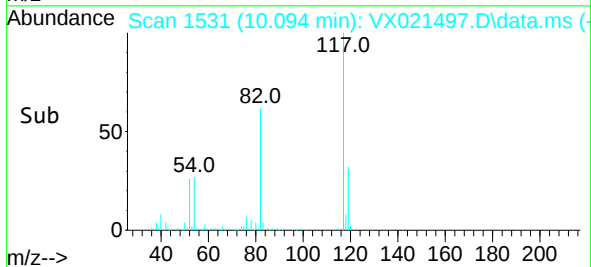
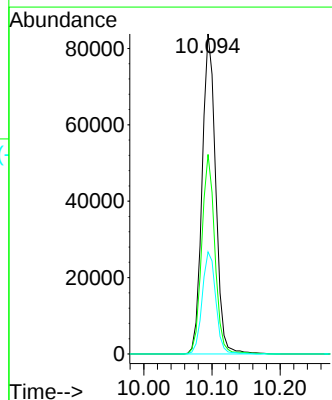
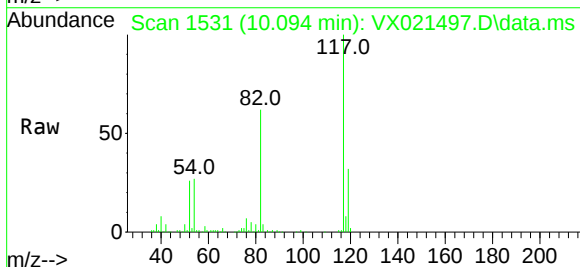
Instrument :
MSVOA_X
ClientSampleId :

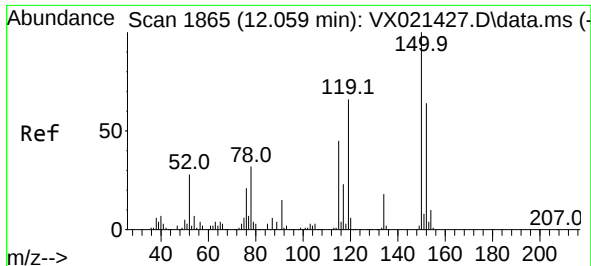
Tgt Ion: 95 Resp: 59109
Ion Ratio Lower Upper
95 100
174 72.2 0.0 154.6
176 69.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

Tgt Ion: 117 Resp: 115677
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.9 26.6 39.8

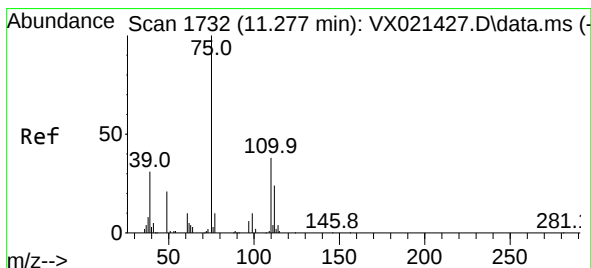
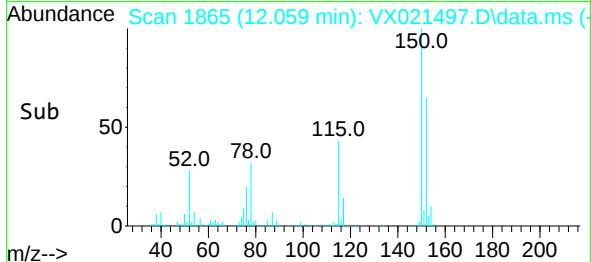
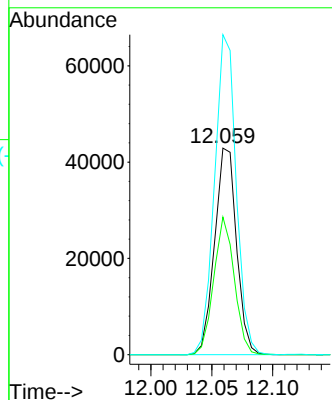
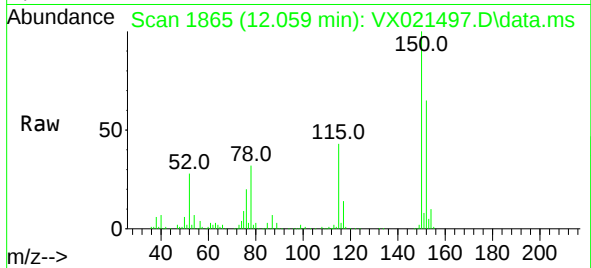




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

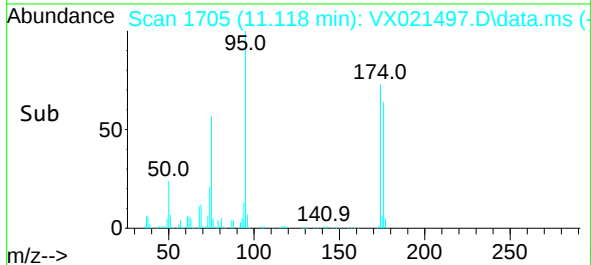
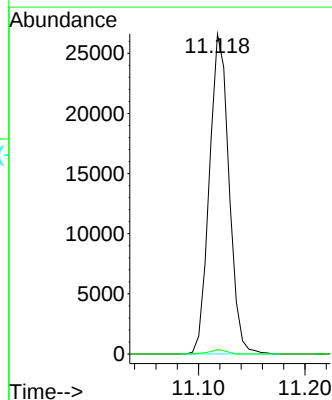
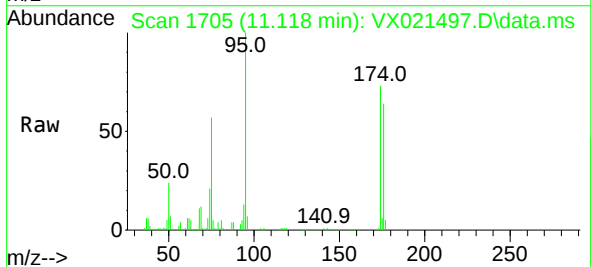
Instrument :
MSVOA_X
ClientSampleId :

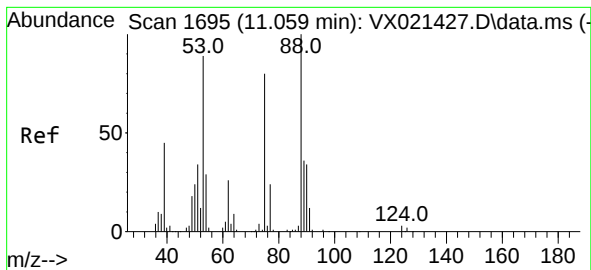
Tgt Ion:152 Resp: 53848
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 152.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.15 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021497.D
Acq: 25 Mar 2021 19:26

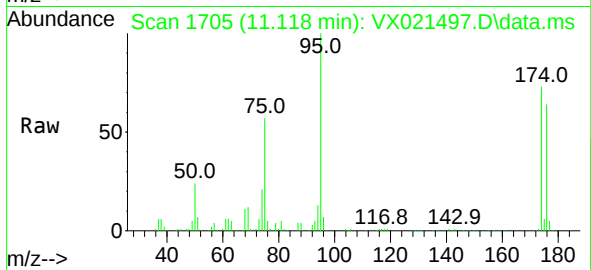
Tgt Ion: 75 Resp: 34033
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.69 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021497.D
 Acq: 25 Mar 2021 19:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34033
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

